



# HOPEDALE FIRE DEPARTMENT

## APPLICATION AND PERMIT FOR CUTTING AND WELDING

### Applicant Information:

Name: \_\_\_\_\_

Street Address: \_\_\_\_\_ # \_\_\_\_\_ Street Name and/or PO Box \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone #: ( \_\_\_\_\_ ) \_\_\_\_\_ - \_\_\_\_\_

Fax #: ( \_\_\_\_\_ ) \_\_\_\_\_ - \_\_\_\_\_

This application is submitted in accordance with the provisions set forth in MGL Chapter 148, Section 10a and the rules and regulations of The Board of Fire Prevention Regulations, Section 39. The applicant shall obtain and provide written authorization from the owner of the property or his/her designee detailing the scope and specific location of the work to be performed. Contractor must provide a 2 ½ gallon water extinguisher. Where a sprinkler system will be impaired or rendered inoperative for any reason, this shall be noted in the application for permit so that all necessary precautions may be taken as required by Hopedale Fire Department. By signing, I hereby acknowledge to abide by the requirements set forth in 527CMR Board of Fire Prevention Regulations, Section 39 and the requirements stipulated by the Authority Having Jurisdiction (AHJ) in the Town of Hopedale.

Signature of Applicant: \_\_\_\_\_ Date: \_\_\_\_\_

### Job Information:

Job Location: \_\_\_\_\_

Flor/Area Size: \_\_\_\_\_

Expected Start Date: \_\_\_\_\_

Expected Completion Date: \_\_\_\_\_

Welder Name: \_\_\_\_\_

Site/Direct Supervisor: \_\_\_\_\_

Site Phone #: ( \_\_\_\_\_ ) \_\_\_\_\_ - \_\_\_\_\_

Supervisor Phone #: ( \_\_\_\_\_ ) \_\_\_\_\_ - \_\_\_\_\_

### Type of Equipment:

- Oxy/Acetylene
- Oxy/Propane
- Electric Arch
- Metal Inert Gas (MIG) / Tungsten Inert Gas (TIG)

### Description of Work:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

#### For Office Use Only

Permit Number: \_\_\_\_\_  Paid Fire Detail *Not Required*  Paid Fire Detail *Required*

Permit Effective Date: \_\_\_\_\_ Permit Expiration Date: \_\_\_\_\_

Signature of Official Granting Permit: \_\_\_\_\_ Title: \_\_\_\_\_

*This permit shall be conspicuously posted upon the premises*



**FIRE PREVENTION**

**DIVISION**

## Detail Firefighter Checklist

Determine compliance of the following 527 CMR: Board of Fire Prevention Regulations:

<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Regulation</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39.06 (3) When work cannot be moved as in most construction or structure modification activity, the area shall be made fire safe by removing all combustible material within a distance of 35 feet and all combustible material from beneath the location where the weld or cutting is to be performed.
			39.06 (4) When work cannot be relocated and combustible material cannot be feasibly relocated, all combustible material exposed within 35 feet horizontally or beneath the cutting or welding operation or within 35 feet of exposed floor, ceiling or wall openings shall meet the following requirements:
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(a) Such combustible construction or material shall be protected from possible sparks, hot metal or oxide by fire resistive shields or noncombustible covers as required by the head of the fire department.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(b) Such floor, ceiling or wall openings shall be protected by fire resistive shields and openings or cracks in walls, floors or ducts shall be tightly covered to prevent the passage of sparks or slag to adjacent areas.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39.06 (5) At least one portable fire extinguisher having a rating of not less than 4-A: 60-B:C shall be kept at the location where welding or cutting is done and at least one portable fire extinguisher having a rating of not less than 2-A:10-B:C shall be attached to all portable welding carts.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39.06 (6) Welding or cutting shall not be done in or near rooms or locations where flammable gases, liquids, or vapors, lint, dust or loose combustible stocks are present when sparks or hot metal from the welding or cutting operations may cause ignition or explosion of such materials.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39.06 (8) Sprinkler protection shall not be shut off while welding and cutting work is being performed. When welding or cutting is done close to automatic sprinkler heads, noncombustible board products or damp cloth shall be used to shield the individual heads, but shall be removed when the work is completed.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39.08 (1) The frame or case of electric arc welding or cutting machines, except internal combustion engine driven machines, shall be grounded in accordance with the requirements of 527 CMR 12.00, the Massachusetts Electrical Code.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39.08 (2) Welding current return circuits from the work to the machine shall have proper electrical contact at all joints and periodic inspection shall be made to ascertain that proper electrical contact is maintained.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	39.08 (4) When electric arc welding or cutting is to be discontinued for one hour or more, such as during lunch hour or overnight, all electrodes shall be removed from the holders, the holders shall be carefully located so that accidental contact cannot occur, and the machine shall be disconnected from the power source.

Determine compliance with the following Fire Prevention and Protection stipulates as set forth by the Authority Having Jurisdiction (AHJ):

<u>Yes</u>	<u>No</u>	<u>N/A</u>	<u>Requirement</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All moveable fire hazards and combustibles moved to at least 35 feet away from areas or objects to be welded.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	When welding or cutting operations are performed within 35 feet of combustible materials or floor, ceiling, or wall openings guards, barriers, or other precautions shall used to confine heat sparks and slag.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Contaminated air shall be exhausted from a working space discharged into the open air and away from sources of fresh air intake.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Welding, cutting or heating of surfaces covered by a preservative coating is prohibited unless the flammability of the coating area has been evaluated by a competent person. Has this been completed?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Highly flammable coatings shall be stripped from the area to be heated.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Preservative coatings shall be stripped from the object so that the temperature of the unstripped metal will not be appreciably raised.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Work area to which sparks and heat may spread including floors above and below, and areas opposite to the side walls have been inspected 30 minutes after work was completed and were found safe.

Detail Date & Start Time: \_\_\_\_\_

Detail Date & End Time: \_\_\_\_\_

Detail Firefighter Signature: \_\_\_\_\_

Unit #: \_\_\_\_\_